

88460

Page 1

Item ID: Revision ID:	D3017-7			Accept	*N900	040	100*	Setup Star	i u .	S1*
Item Name: Start Date: Required Date: Reference:	8/27/12 8/27/12	Start Qty: 4.00 Req'd Qty: 4.00	*4*	(3)	Cust Item I Customer:	D:		3.0	*N:	S2*
Approvals:	Process Pla	an: MLJ	Date: \2 \08 \13	Tooling: SPC (Y/N):		ate:	e.	Run Star Stop	IVI	R1* R2*
Sequence ID/ Work Center II	D	Operation Description	*	Set Up/ Run Hours	Tool ID	Tool #	Plan Accep	ot Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr							3.0	
D3017	Rev	v B								
*100 *100* Waterjet		FLOW WATER JET Memo		0.00		1	7.	0 0	E COMPO	Jm 129-2
FLOW CNC Water	jet	1-Cut as pe	r Dwg-D3017							
4130 .69	۵	Dwg Rev:_ Prog Rev:_ 2-Deburr	B							
110		QC2- Inspect parts off n	nachine FAI/FAIB	0.00						
110 QC Quality Control		Memo		0.00			20	0		JM 129-21

NI	CR	. 35	Voc	/ No
1.7	CU		Yes	No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA:	Date:	,
		_

	M	-	34								QA Closed.	Date	C.	the state of the state of
Work Orde	r:		-			DISPOSITION				AGAINST DE	PARTMENT	/PROCESS		1000
						Rework		Skid-tube Crosstube			1	Water Jet		Engineering
Part N	0.					Scrap			Machining	Small Fab	Pro	Prod. Eng. Coor. Quality		
	T	7	THE S	. 58		Use-as-is			oforming	Finishing	-	re/Packaging		Other
NCR N	0.					Work Order Update			Large Fab	Composite		Supplier		
5										4		LIE HER		v ve tati
Root	T				Descri	ption of work order update	Ir	nitial	Ac	tion	Sign &	的智力 多多		
Cause		Date	Step	Qty	(or Non-conformance	Chi	ief Eng	Desc	cription	Date	Verification	1	QC Inspector
Doc/Data													1	T-11.
Equip/Tooling											1	E		
Operator												REAL STREET		
Material											1	The P		
Setup														
Other											1	10-10 m		
Process											Had to -			
Supplier		1	į									State of the		
Training		- 1										= 0		
Unapproved							720000				St. Comme	200		1
1000		0.0					\UL	T CATE	GCRY			134	-	
Landin						General					ī		_	
		nding			_	Bend		Grain		-	Ovalized	2		Pressure/Forced
			Concen	tric to	0/5	BOM/Route	-	Hardwa		-	Over/Under			Temperature/Cure
-	_	acks			1	Broken/Damaged	$\overline{}$		on Incomplete		Part Incorre			Weld
-	_	ushed/C	rimped			Burrs	\vdash		ioris Incomplete,	/Unclear	Part Lost/M			Wrong Stock Pulled
	Cu					Contamination	$\overline{}$	Mainte		17.	Part Moved	The second second	-	
W .		at Treat			-	Countersink	\vdash	Mislabe			Positioned '	1 S S		Name of the latest of the late
P .	_	Inspection Strip in Tube				Cut Too Short	-	Misread			Power Loss,	/Surge		Other
N. Control						Drill Holes	-	Offset			1 1250	Meuros.		
R-	_	_				Drawing	-		Cal bration		- 1			
		Turning Sequence Finish				-	-		ec uence		r Charles Control of the Addition			
de la companya della companya della companya de la companya della	Wave/Twist in Tube Fo					Folio		Outside	Dimensions					

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

August-02-12 10:18:10 AM

Item ID:

Revision ID:

D3017-7

Accept

N900040100

Setup Start

Stop

Item Name: Start Date:

8/27/12

QC:

Lug

Start Qty: 4.00 Req'd Qty: 4.00 *4* *4*

Cust Item ID: Customer:

Required Date: 8/27/12 Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Run Start

Sequence ID/ Work Center ID

120

Operation Description

QC8- Inspect parts - second check

Set Up/ Run Hours 0.005 mf

Tool # Plan

Accept Qty

Reject

Stop

Insp.

120

Memo

Tool ID

Date:

Code

Qty

Reject Number

Stamp

Quality Control

130

130 Brake NC

Brake NC

NC BRAKE

Memo

Memo

0.00

0.00

1-Deburr

2-Form as per Dwg D3017 using DT8598

140

140

Quality Control

QC5- Inspect part completeness to step on W/O

19

19

NIC	Π.	W	1 11-
NC	K:	Yes	/ No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA:	" Nigon	Date:	
		UVENIE -	_

										QA Closed:	Date	4.96		
Work Orde	r.				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part N		-	123		Rework Scrap			Skid-tube Machining	Crosstube Small Fab	Water Jet Engineering Prod. Eng. Coor. Quality				
	re-				Use-as-is			oforming	Finishing	Rec/Store/Packaging Other				
NCR N	0				Work Order Update			Large Fab	Composite		Supplier			
Root				Descri	ption of work order update	In	ntial	Ad	ction	Sign &				
Cause	Date	Step	Qty		or Non-conformance	Chi	ef Eng	Desc	cription	Date	Verification	QC Inspector		
Doc/Data										100				
Equip/Tooling						1				Aller I	- 10			
Operator										7.58600	100			
Material											新加州			
Setup														
Other														
Process										1-	in the			
Supplier											· "原图》:"	2.5		
Training		1								- SE	The state of			
Unapproved										++20	- 1 - 14			
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Landin	ng Gear			-	General					The Transport	The state of the s	N CT TO THE PARTY NAMED IN		
	Bending				Bend		Grain			Ovalized		Pressure/Forced		
	Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure		
	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld		
	Crushed/	Crushed/Crimped. Burrs						iors Incomplete	/Unclear	Part Lost/Mi	issing	Wrong Stock Pulled		
	Cuffs				Contamination		Mainte	nance	2/4	Part Moved				
Tea	Heat Trea	at			Countersink		Mislabe	led	72	Positioned V	Vrong			
	Inspection Strip in Tube Cut Too Short						Misread			Power Loss/	Surge	Other		
	Ripples in Bend Drill Holes									7.=1		LL 14		
	Torque Waves in Extrusion Drawing							alibration		100	luiting.			
1500	Turning S	equence			Finish		Out of S	ecuence		- Alas	Large VA			
Sugar.	Wave/Tw	ist in Tul	oe .		Folio		Outside	Dimensions		The state of the s	V-W-W-ST-E	4 4		

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

August-02-12 10:18:10 AM

Item ID:

D3017-7

Accept

N900040100

Date:

Date:

Setup Start

Revision ID:

Start Date:

Item Name:

Required Date: 8/27/12

Lug

8/27/12

QC:

Start Qty: 4.00 Req'd Qty: 4.00 *4* *4*

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Run

Start

Stop

Stop

Sequence ID/

Work Center ID

Operation Description Set Up/ Run Hours Tool ID

Tool # Plan Qty Code

Reject Accept Qty

Reject Insp. Number Stamp

150

150

Packaging Packaging

Packaging

Memo

0.00

0.00

Identify and bag with light oil (Vactra oil #2), then Stock Location:

160

QC21- Final Inspection - Work Order Release

0.00

160

Quality Control

QC

Memo

0.00

		24	
NCR	· Y	es /	No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA:	Date: _		
(A Closed:	Date:	50 35 NS.	
ARTMENT/P	ROCESS		
Prod.	Water Jet Eng. Coor.	Engineering Quality	3

QA-closed.														
Work Orde	ork Order: DISPOSITION AGAINST DEPARTMENT/PROCESS												PROCESS	
Work Orde	_					Rework	1	Skid-tube Crosstube					Water Jet	Engineering
Part N	Vo.					Scrap			Machining	Small Fab				Quality
	_					Use-as-is			noforming	Finishing			re/Packaging	Other
NCR N	No.					Work Order Update			Large Fab	Composite	_		Supplier	
			- 12		-		1						Maria Diversion	
Root					Descri	ption of work order update	1	nitial	А	ction	1 5	Sign &	Applied States	A NEW YORK
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Des	cription		Date	Verification	QC Inspector
Doc/Data												199		
Equip/Tooling												- 11		
Operator												WORK	OT THE RESERVE	St. wei
Material												1-14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Setup												1570 2018		
Other														
Process	Ш							1				100	w late of	
Supplier	Н				6.						CES	a ref. Dec.		
Training	Н													
Unapproved												400		100
	V						AUL	T CATE	GORY					
Landi	ng Gea					General						10.4400004		7
	$\overline{}$	ending			- 10	Bend		Grain			$\overline{}$	/alized		Pressure/Forced
160	-		t Concen	itric to	0/5	BOM/Route		Hardwa			$\overline{}$		tolerance	Temperature/Cure
-		acks			12 12 12	Broken/Damaged			on incomplete	Attaches:		irt Incorre	_	Weld
	_	ushed/C	.rimped.			Burrs		-	iors Incomplete	e/Unclear		rt Lost/Mi		Wrong Stock Pulled
15	Cuffs Contamination							Mainte				rt Moved		
	Heat Treat Countersin					-	Mislabe			-	ositioned V ower Loss/	The second state of the se	Other	
That is a	Inspection Strip in Tube Cut Too Short Ripples in Bend Drill Holes							Misread Offset			LIPO	wer coss/	Surge	Other
							-		Calibration		_		678 77 22	Total N
And and the	Torque Waves in Extrusion Drawing Turning Sequence Finish						-		Secuence		10-7			A.S
			. N		-	Finish	-		Dimensions		Ada.	1,08		
ESIE.	I W	ave/IWI	st in Tub	12		Folio		Dutside	Uniensions			- The same		

Page 1

Work Order ID:

88460

Parent Item:

D3017-7

Parent Item Name:

Lug

Start Date: 8/27/12

Required Date: 8/27/12

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP: B03.05.09ReformatKJ/RF

IPP Rev:C 08-04-11 now made on water jet DD verified by:EC

IPP RevB: as per

	revB DD verified	by:JLM											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M4130NS.049		Purchased	No			100	sf	3.8000	0.102	0.429473	6		4
4130 Sheet 049		Luichaseu	MAGE			(53.5%)		STOCKARD.	2.25	-6			Tui

Location Loc Qty Loc Code 20 21612 123049 123049 MAT020

2.25,5.F.

		DQA: Date:	
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE	1

											QA Closed:	Date	
Work Order: DISPOSITION							AGAINST DEPARTMENT/PROCESS						
	-					Rework			Skid-tube	Crosstube	1	Water Jet	Engineering
Part N	No.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
E Ø	417		TY A			Use-as-is		Therm	noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR N	No			Y.	The state of	Work Order Update			Large Fab	Composite		Supplier	
												and the same	
Root						ption of work order update		nitial	1	Action	Sign &	Second of	and the second
Cause	1	ate St	ер	Qty		or Non-conformance	Ch	ief Eng	De	scription	Date	Verification	QC Inspector
Doc/Data			- 1									4 4	
Equip/Tooling													
Operator	_												
Material	\dashv												
Setup	H												
Other	H											Photos v	
Process	\vdash											4.1	
Supplier	H		- 1								la constant	1011 111	
Training Unapproved	H										1.50	A Faller 1	· · · · · · · · · · · · · · · · · · ·
Onapproved						E	VIII	T CATE	GORY		N 19	taking the second	- 131E
Landi	ng Gea					General	IOL	LONIE	GUNT			- W.C.	
ST. Como		nding			Г	Bend		Grain			Ovalized	Г	Pressure/Forced
	_	N	ncent	ric to (0/5	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		-				Broken/Damaged	-	Inspection Incomplete			Part Incorre	-	Weld
	-	Crushed/Crimped				Burrs	-	Instructions Incomplete/Unclear		Part Lost/M	-	Wrong Stock Pulled	
	Cuffs				Contamination	Maintenanc				Part Moved	_		
	Heat Treat				Countersink	-	Mislabeled			Positioned Wrong			
8.	Inspection Strip in Tube			Tube	Cut Too Short	-	Misread		Power Loss	-11/1/E-5	Other		
		ples in Ben				Drill Holes		Offset		_	- 500	Tarres	Air V
		que Waves		trusion	1	Drawing		Out of (Calibration		1,5	THE WAR	5 1 7 W
1 T	_	ning Seque				Finish		Out of S	Secuence		/40	T Val 12 1	
	Wa	ve/Twist in	Tube	2		Folio		Outside	Dimensions				

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	Work Order:	88460
Description: Lug	Part Number:	D3017-7
Inspection Dwg: D3017 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
R0.25	+/-0.030	1,25"	_		RG	
2.063	+/-0.010	2.056"	824		ν	mmo.
2.500	+/-0.010	2.502"	_		V	
Ø0.191	+0.005/-0.000	0,193"	_		V	
			120			
						1
				- 1		

Measured by:	Tm	Audited by:	SMB	Preliminary Approval:	
Date:	12-9-21	Date:	12-9-21	Date:	

Rev	Date	Change	Revised by	Approved
Α	05.03.04	New Issue	KJ/JLM , O	11
В	11.06.21	Dwg Rev updated	KJ 🚧	C. LAT















